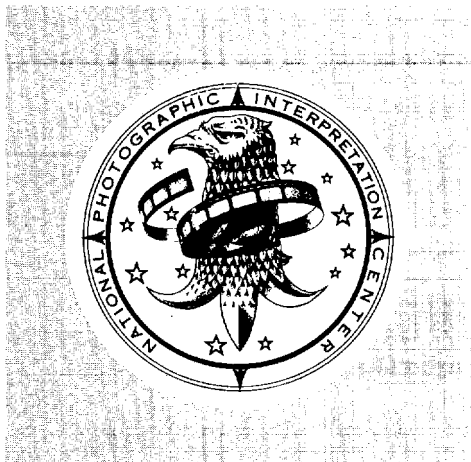


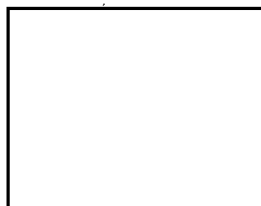
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IIS USER'S MANUAL THE OAF & OAFD PROGRAMS

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NIMA/DoD

SEPTEMBER 1971

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PSG/AID-210/71
24 September 1971

MEMORANDUM FOR: All Holders of IIS User's Manual, The OAF & OAFD Programs
[REDACTED] September 1971

ERRATUM

Page 7, center of the page

Now reads: RESETAP1AP2

Should read: RESETMRNAP1AP2

Please correct your manual.

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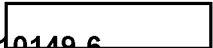
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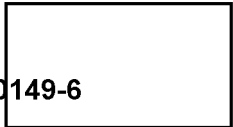
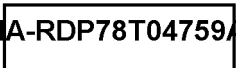
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TO THE USERS

Whenever necessary, revisions and/or addenda to this manual will be issued by the Automated Information Division, Production Services Group. If you need assistance in using the computer program or additional copies of this publication, contact the Chief/AID/PSG.

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THE OAF AND OAFD PROGRAMS

PURPOSE OF THE PROGRAMS

The OAF and OAFD Programs are maintenance programs for the OUDAUDFILE which is used by OUD/AUD for sector updates to the IDF. These programs will also print a list or a display of all activities against this file. OAF and OAFD may be used to

- display - print out locked MRNs
in textual format on a
teletype or DCT
- list - print out locked MRNs
in tabular format on a
teletype or DCT
- reset - release an MRN(s) which
is locked out (available
for OAF only)

Once an update of data for a target is begun, no other update for this target can be made until the current update is completed. This is called "locking out" the MRN; that is, this target (which is identified by a machine reference number or MRN) is automatically locked out from any other attempted update. Normally, the lockout is automatically eliminated upon completion of the update. However, in the event of system error or failure, these programs provide the assistance needed to (1) check just what MRNs are still locked out, and (2) to reset (or "unlock") any which should no longer be locked out.

The Automatic Update Program (AUD), which updates many target records, in effect locks out the entire OAF program; that is, OAF can not be run if AUD is being used. OAFD may be run at any time.

USE OF OPTIONS

Five options are available for the OAF Program. The options for OAFD are identical to those for OAF except that no reset capability is available. These options are discussed on the following pages.

CALLING AND RUNNING THE PROGRAM

OAF and OAFD are called and run from an on-line teletypewriter. You may have your output transmitted to this device or to an on-line DCT 2000. If your output will require a considerable amount of time to print, transmit it to a high-speed printer in the computer room by specifying LEN 600 in your program call. These programs cannot be run from or output transmitted to a Sanders Tabular Display.

If it is assumed that you know how to operate the equipment you elect to use. This information can be found in Introduction to the Remote Access Computer Service, second edition, published by AID/PSG. Copies are available in AID.

In the program calls given below LEN is an abbreviation for logical equipment number; r/l stands for the carriage-return and line-feed keys.

Press

ALT
MODE

CTRL

+

SMK

simultaneously

Type

OAF, LEN [of device that will print output] r/l

YOUR COMPONENT CODE, NAME, PHONE r/l

Press

ALT
MODE

CTRL

+

SOS

simultaneously

Type

OPTION NAME

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Press

ALT
MODE

CTRL

+

EOT

simultaneously

For example,

ALT MODE
CTRL + SMK
OAF,Ø12 r/1

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ALT MODE
CTRL + SOS
DISPLAY LOCKOUT
ALT MODE
CTRL + EOT

In the program call above the output produced by the DISPLAY LOCKOUT option will be transmitted to the printer identified by LEN Ø12. A message indicating that the program run has been completed will then be printed by the teletypewriter being used. If there is no output, you will receive a message to this effect.

DISPLAY LOCKOUT OPTION

The Display Lockout Option will display all the MRNs in the OUDAUDFILE in textual format on the LEN specified in your calling sequence. This option can be used to determine the number of MRNs currently locked out of the OUDAUDFILE.

Format of Query:

DISPLAY^LOCKOUT

MRN 18412 - IS LOCKED OUT FROM LEN 267

FIGURE 1. SAMPLE OUTPUT FROM THE DISPLAY LOCKOUT OPTION.

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DISPLAY MRN OPTION

The Display MRN Option displays one specific MRN with update data, if present, on the LEN specified in your calling sequence. A DCT 2000 must be used to view an MRN that has just been changed via the OUD Program.

Format of Query:

DISPLAY^MRN

MRN 828 IS LOCKED OUT FROM LEN 150
IT IS AN UPDATE FOR SECTOR IHEAD
THE UPDATED DATA IS THE FOLLOWING
IHEAD 828
VORKUTA HF COMMO FAC
1

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FIGURE 2. SAMPLE OUTPUT FROM THE DISPLAY MRN OPTION.
[Output will appear on one line.]

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DISPLAY ALL OPTIONS

The Display All Option displays all the MRNs and all update data in the file on the LEN specified in your calling sequence. A DCT 2000 must be used to view all the data sitting in the OUDAUDFILE.

Format of Query:

DISPLAY^ALL

MRN 7942 IS LOCKED OUT FROM LEN 152
MRN 8040 IS LOCKED OUT FROM LEN 150
IT IS AN UPDATE FOR SECTOR IHEAD
THE UPDATED DATA IS THE FOLLOWING
IHEAD 8040
OYEK RADCOM XMTR STA
K 1

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FIGURE 3. SAMPLE OUTPUT FROM THE DISPLAY OPTION.
[Output for each MRN will appear on one line.]

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LIST LOCKOUT OPTION

The List Lockout Option lists all the MRNs currently in use in the OUDAUDFILE in tabular format on the LEN specified in your calling sequence.

Format of Query:

LISTALOCKOUT

THE FOLLOWING MRNS ARE LOCKED OUT.			
MRN	18412	LEN	267
			SECTOR

FIGURE 4. SAMPLE OUTPUT FROM THE LIST LOCKOUT OPTION

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RESET MRN P1 P2 OPTION

The Reset MRN P1 P2 Option resets locked out MRNs in the OUDAUDFILE and displays verification information as shown below on the LEN specified in your calling sequence. To use this option you must specify the last five characters of the job number of the OUD Program which locked the MRN(s) out.

Format of Query:

RESETAP1AP2

where

P1 = last five characters of the job number

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P2 = MRN

MRN 2 RESET. CONTROL LEN WAS 166 AND JOB NUMBER WAS XXXXX02134

FIGURE 5. SAMPLE OUTPUT FROM THE RESET P1 P2 OPTION.

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OUTPUT MESSAGES

The messages listed below are output for the OAF and/or OAFD Programs:

Display Options

MRN ____ IS LOCKED OUT FROM LEN ____.
IT IS TEMPORARILY LOCKED OUT BY AID/ISB.

MRN ____ IS LOCKED OUT FROM LEN ____.

MRN ____ IS LOCKED OUT FROM LEN ____.
IT IS AN UPDATE FOR SECTOR ____.

MRN ____ IS LOCKED OUT FROM LEN ____.
IT IS AN UPDATE FOR SECTOR ____.
THE UPDATED DATA IS THE FOLLOWING ____.

List Option

THE FOLLOWING MRNS ARE LOCKED OUT.

MRN	LEN	SECTOR
MRN	LEN	SECTOR

Reset Option (OAF Only)

MRN ____ RESET. CONTROL LEN WAS ____ AND JOB
NUMBER WAS XXXXX ____.

MRN ____ IS TEMPORARILY LOCKED OUT BY ISB.
YOU CANNOT RESET IT.

MRN ____ CANNOT BE RESET. SECOND WORD IS NOT
76767XXXXX.

MRN ____ CANNOT BE RESET. YOUR JOB NUMBER DOES
NOT MATCH THE ONE IN THE FILE.

Other Messages

MRN ____ NOT IN FILE.

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